

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

| | | |
|--------------------------------------|---|---|
| COUNTY WELL LOCATED <i>Cluske</i> | | PERMIT NUMBER |
| WELL NUMBER <i>41</i> | CODED <input checked="" type="checkbox"/> | NAME OF DRILLING FIRM <i>McDonald & Hill</i> |
| DATE WELL COMPLETED <i>7/3/91</i> | | <i>Indn, Miss.</i> |

NAME & MAILING ADDRESS OF LANDOWNER
Clayton W. Williams
6 Delta Drive, Suite 5800
Midland, Texas 79702

WELL LOCATION: SEC *30* TOWNSHIP *20^N 17^E* RANGE *W*

DISTANCE *7-1/2* Miles DIRECTION *SE* of NEAREST TOWN *Quitman*

OTHER LANDMARK
2374'N + 2111'E of SW cor

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Oil Reg Water supply

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbine, Jet, Flowing Well,
Other (Describe) *air compressor*

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____ H/P _____

Pump Capacity (GPM) *70-80* No. of Stages *air line* Setting Depth *273* FT.

PUMP TEST
Well yielded *70-80* GPM with
a drawdown of _____ ft.
after _____ hours of pumping

WELL DATA

| | | |
|------------------------------|------------------------------------|---|
| Well Depth <i>310'</i> | Casing Diameter (In.) <i>4"</i> | Casing Length (Ft.) <i>270'</i> |
| Type of Casing <i>PVC</i> | Hole Depth <i>310</i> | Depth to Static Water Level <i>106</i> |

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed, Underreamed, Telescoped,
 Natural Development, Open Hole, Other (Describe) _____

Top of Lap Pipe or Reduction in Casing
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log

SCREEN DATA

| | | |
|--------------------------------|--------------------------------------|--------------------------------------|
| Diameter - Inches <i>4"</i> | Length - Feet <i>40</i> | Slot Size - Inches <i>Slotted</i> |
| Screen Type <i>PVC</i> | Depth to Bottom - Feet <i>310</i> | |

GEOLOGIC DATA (Office Use Only)

| | | | |
|---------------|---------------|----------------|--------------|
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |

Driller's Remarks
pumped good, very little sand

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------------|------------|
| <i>Clay + sand st Rock</i> | <i>0</i> | <i>60</i> |
| <i>Shale, st Sand</i> | <i>60</i> | <i>105</i> |
| <i>Shale</i> | <i>105</i> | <i>140</i> |
| <i>Sandy - st Rock</i> | <i>140</i> | <i>220</i> |
| <i>Shale</i> | <i>220</i> | <i>270</i> |
| <i>Course sand</i> | <i>270</i> | <i>310</i> |
| | | |
| | | |
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RECEIVED

AUG 22 1991

Dept. of Environmental Quality
Bureau of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK